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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

031088 U.S.PTO
10/695839

Transmitted herewith for filing under 37 CFR 1.53(b) are the specification and claims of the nonprovisional patent application of:

Makoto Matsushima
Inventor(s)

PULSE WIDTH MODULATION SIGNAL GENERATING CIRCUIT
Title of Invention

APPLICATION ELEMENTS ENCLOSED:

1. Specification, total pages 34 including:
 - a. 6 pages of claims (11 claims)
 - b. 1 page(s) Abstract
2. 8 sheets of informal formal drawings (Figs. 1A-C, AND 2-10)
3. Oath or declaration of Applicant(s) (5 total pages)
 - a. X Newly executed (original)
 - b. Unexecuted
 - c. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Item 14 completed)
4. Deletion of Inventor(s)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
5. Incorporation By Reference
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied in item 3b is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. Microfiche Computer Program (Appendix)

APPLICATION PARTS ENCLOSED:

7. An assignment (cover sheet & document(s))
8. 37 CFR 3.73(b) Statement (*when there is an assignee*)
9. Power of Attorney
 - a. X Newly executed (original)
 - b. Unexecuted
 - c. Copy from a prior application

10. Information Disclosure Statement (IDS) and PTO-1449
 Copies of IDS Citations
11. A Preliminary Amendment
12. Return Receipt Postcard (MPEP 503)
13. Applicant(s) hereby establish small entity status under 37 C.F.R. §1.9 and §1.27
14. If a Continuing Application, *check the appropriate box and supply the requisite information:*

Continuation of prior application No.: _____ filed _____
 Divisional of prior application No.: _____ filed _____
 Continuation-in-part (CIP) of prior application No.: _____ filed _____

15. Amend the specification by inserting before the first line of page one: --This is a ____ continuation
 divisional of application Serial No. _____ filed ____.--
16. Priority of application No. 2002-338129 filed in Japan on November 21, 2002. Applicant hereby claim priority under 35 U.S.C. §119.
 A certified copy of priority application Nos. 2002-338129 is enclosed herewith.
 A certified copy of priority application No. _____ has been filed in prior application
 S.N. _____ filed _____
17. Other (identify) Express Mail Letter of Transmittal bearing Label No. EV 325707606 dated October 29, 2003

The filing fee is calculated as follows:

CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT

	Number Filed		Number Extra*		Rate			Fee	
					Small Entity	Other Entity		Small Entity	Other Entity
Total Claims	11 - 20	=	0	X	\$ 9	\$ 18	=	\$ 0	\$ 0.00
Indep. Claims	3 - 3	=	0	X	\$ 42	\$ 84	=	\$ 0	\$ 0.00
Multiple Dependent Claims Presented: Yes _____ No _____					\$140	\$280	=	\$ 0	\$ 0.00
If the difference in column 1 is less than zero, enter "0" in column 2					Basic Fee			\$385.00	\$770.00
					Total Fee			\$	\$770.00

18. A check in the amount of \$ 770.00 to cover the filing fee.
19. A check in the amount of \$ 40.00 for recordation of the Assignment.
20. The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the following or credit any overpayment to Deposit Account No. 03-3125.
- Filing fees under 37 C.F.R. §1.16.
- Patent application processing fees under 37 C.F.R. §1.17.
- The issue fee set in 37 C.F.R. §1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. §1.311(b).
21. Three copies of this sheet are enclosed.
22. Other (identify) _____

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October 29, 2003

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : Makoto Matsushima
Serial No. : Not Yet Known
Date Filed : Herewith
Priority Date : November 21, 2002
For : PULSE WIDTH MODULATION SIGNAL GENERATING CIRCUIT

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Commissioner for Patents
P.O. Box 1450
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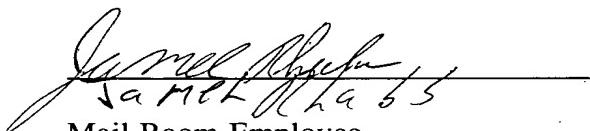
Sir:

EXPRESS MAIL LETTER OF TRANSMITTAL

Express Mail mailing label number: EV 325707606 US

Date of Deposit: October 29, 2003

I hereby certify that the above-identified application of Makoto Matsushima for PULSE WIDTH MODULATION SIGNAL GENERATING CIRCUIT, including application transmittal in triplicate, Specification (34 pages), Claims (1-11, 6 pages), Abstract (1 page), 8 drawing sheets (Figs. 1A-C, 2-10), Declaration and Power of Attorney (executed), Form PTO-1595 and Assignment (executed), Information Disclosure Statement (including Form PTO-1449), a Certified copy of JP 2002-338129, a check in the Amount of \$770.00 for Filing Fee and \$40.00 for Recording fee, and Return Postcard, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.



James R. Phelps
10/29/03
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